

**DECLARATION AND POWER OF ATTORNEY**

As below named inventors, we hereby declare that:

1. Our residences, post office addresses and citizenships are as stated below next to our names;
2. We believe we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention, design or discovery entitled:

**ENGINEERED FAB' FRAGMENT ANTI-TUMOR NECROSIS FACTOR ALPHA IN  
COMBINATION WITH DISEASE MODIFYING ANTI-RHEUMATIC DRUGS**

3. We have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above;
4. We acknowledge the duty to disclose to the Office all information known to us to be material to the patentability of this application as defined by Title 37, Code of Federal Regulations, §1.56;
5. We hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

NONE

We hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

60/431,053, filed December 5, 2002

6. We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112. We acknowledge the duty to disclose to the Office all information known to us to be material to patentability as defined in § 1.56 which became available between the filing date of any prior application(s) and the national or PCT international filing date of this application:

NONE

7. We hereby appoint:

Carol M. Nielsen, Reg. No. 37,676  
Rudeina A. Baasiri, Reg. No. 47,398  
Mark E. Courtney, Reg. No. 36,491  
Kenneth T. Emanuelson, Reg. No. 46,684  
Jason R. Fulmer, Reg. No. 46,715  
Kenneth R. Glaser, Reg. No. 24,015  
John Timothy Headley, Reg. No. 31,765  
Robert E. Holthus, Reg. No. 50,347  
Michael E. Martin, Reg. No. 24,821  
Steven E. Ross, Reg. No. 35,996  
Kay Lyn Schwartz, Reg. No. 39,020  
Jennifer S. Sickler, Reg. No. 36,005  
Monique A. Vander Molen, Reg. No. 53,716  
Thomas C. Wright, Reg. No. 47,189

of the firm of GARDERE WYNNE SEWELL LLP, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent application filed thereon before any international authorities under the Patent Cooperation Treaty;

Send correspondence to: Carol M. Nielsen  
GARDERE WYNNE SEWELL LLP  
1000 Louisiana, Suite 3400  
Houston, Texas 77002  
Phone: (713) 276-5383  
Fax: (713) 276-6383  
Email: cnielsen@gardere.com

8. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Attorney Docket No.: 122294-1010

PATENT

Full name of Inventor: Susan L. Woulfe

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Post Office Address: 1719 Woodmore Oaks Drive  
Manchester, Missouri 63021

Residence Address:  
(if different) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Citizenship: United States of America

Attorney Docket No.: 122294-1010

PATENT

Full name of Inventor: Rita Jain

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Post Office Address: 6 Engineers Road  
Roslyn Harbor, New York 11576

Residence Address:  
(if different) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Citizenship: United States of America

Attorney Docket No.: 122294-1010

PATENT

Full name of Inventor: Aimee Burr

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Post Office Address: 6122 North Avondale  
Chicago, Illinois 60631

Residence Address:  
(if different) \_\_\_\_\_

Citizenship: United States of America

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Unknown )  
 Examiner: Unknown )  
 Applicants: Woulfe, et al. )  
 Application Number: Unknown )  
 Filed: December 3, 2003 )  
 For: ENGINEERED FAB' FRAGMENT )  
 ANTI-TUMOR NECROSIS FACTOR )  
 ALPHA IN COMBINATION WITH )  
 DISEASE MODIFYING ANTI- )  
 RHEUMATIC DRUGS )

CERTIFICATE OF MAILING	
Express Mail No.:	<u>EV 322135025 US</u>
Date of Deposit:	<u>12-5-03</u>
I certify that the accompanying paper is being deposited with the United States Postal Service and sent "Via Express Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	
<u>William Asher</u>	
Typed or Printed Name:	
<u>William Asher</u>	
Signature	

Mail Stop Patent Application  
 Commissioner of Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

## APPOINTMENT OF ATTORNEYS UNDER 37 CFR § 3.71

I, S. Christopher Bauer, having been delegated the authority by the Board of Directors of Pharmacia Corporation, the assignee of the entire interest in the subject patent application, appoint the following members of the firm of GARDERE WYNNE SEWELL LLP:

Carol M. Nielsen, Reg. No. 37,676	John Timothy Headley, Reg. No. 31,765
Thomas C. Wright, Reg. No. 47,189	Jennifer S. Sickler, Reg. No. 36,005
Robert E. Holthus, Reg. No. 50,347	Rudeina A. Baasiri, Reg. No. 47,398

as its attorneys with full power of substitution to prosecute this application and transact all business in the Patent and Trademark Office.

Pursuant to 37 CFR § 3.73, I have attached a copy of the Assignment from the inventors.

Please direct all future correspondence and telephone calls regarding this application to:

Carol M. Nielsen  
GARDERE WYNNE SEWELL LLP  
1000 Louisiana, Suite 3400  
Houston, Texas 77002-5007  
Telephone: (713) 276-5383  
Fax: (713) 276-5555  
Email: cnielsen@gardere.com

I certify that the Assignments document filed with the application or filed subsequent to the filing date of the application, has been reviewed. I certify that, to the best of my knowledge and belief, title is with Pharmacia Corporation.

Respectfully submitted,

Date: \_\_\_\_\_

By: \_\_\_\_\_  
S. Christopher Bauer  
Registration No. 42,305

Gardere Docket No.: 122294-1010

05/15/2003

700030627

Docket No.: 122294-1006

FORM PTO-1506 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 3/31/2002)  
POBA/REV03

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Susan L. Woulfe  
Rita Jain  
Aimee Burr

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Pharmacia CorporationAddress: 700 Chesterfield Parkway NorthCity: St. Louis State/Prov.: MOCountry: US ZIP: 63198

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: December 20, 2002

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.

Filing date

60/431,053

12/5/02

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Carol M. NielsenRegistration No. 37,676Address: Gardere Wynne Sewell LLP1000 Louisiana, Suite 3400City: HoustonState/Prov.: TXCountry: USZIP: 77002-5007

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

07-0153

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Carol M. Nielsen

Name of Person Signing

Carol M. Nielsen

Signature

May 15, 2003

Date

Total number of pages including cover sheet, attachments, and

5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments



**PATENTS ONLY**

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Susan L. Woulfe  
Rita Jain  
Aimee Burr

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Pharmacia Corporation

Address: 700 Chesterfield Parkway North

City: St. Louis State/Prov.: MO

Country: US ZIP: 63198

Additional name(s) & address(es) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

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Patent Application No. Filing date

60/431,053 12/5/02

B. Patent No.(s)

Additional numbers ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Carol M. Nielsen

Registration No. 37,676

Address: Gardere Wynne Sewell LLP

1000 Louisiana, Suite 3400

City: Houston State/Prov.: TX

Country: US ZIP: 77002-5007

6. Total number of applications and patents involved: 1

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Carol M. Nielsen

Name of Person Signing

Carol M. Nielsen

Signature

May 15, 2003

Date

Total number of pages including cover sheet, attachments, and

5

ASSIGNMENT

WHEREAS, we, SUSAN L. WOULFE, a citizen of the United States of America and a resident of Manchester, Missouri; RITA JAIN, a citizen of the United States of America and a resident of Roslyn Harbor, New York, and AIMEE BURR, a citizen of the United States of America and a resident of Chicago, Illinois, have invented certain new and useful improvements in "ENGINEERED FAB' FRAGMENT ANTI-TUMOR NECROSIS FACTOR ALPHA IN COMBINATION WITH DISEASE MODIFYING ANTI-RHEUMATIC DRUGS" for which we have made application for United States Letters Patent, the said application having been filed on December 5, 2002 and bearing U.S. Patent Application Serial Number 60/431,053; and

WHEREAS, PHARMACIA CORPORATION, a Delaware corporation, having offices at 700 Chesterfield Parkway North, St. Louis, Missouri 63198 (hereinafter referred to as "ASSIGNEE"), desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and provisional and an application converted from a provisional, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

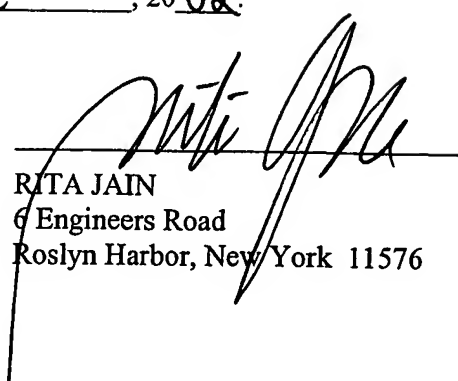
We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

EXECUTED this 18 day of December, 2002.

Susan L. Woulfe


SUSAN L. WOULFE  
1719 Woodmore Oaks Drive  
Manchester, Missouri 63021

EXECUTED this 20 day of Dec, 2002.



\_\_\_\_\_  
RITA JAIN  
6 Engineers Road  
Roslyn Harbor, New York 11576

EXECUTED this 20<sup>th</sup> day of December, 2002.

  
AIMEE BURR  
6122 North Avondale  
Chicago, Illinois 60631

**CERTIFICATE OF MAILING**

I certify that this correspondence is being deposited with the U.S. Postal Service ~~Express Mail delivery service~~ under 37 C.F.R. 1.8 and is addressed to Assistant Commissioner for Patents, Washington, DC 20231.

*via fax*

  
Signature

KATHRYN D. WOOLEY  
Name of Person Signing

FAX No: 703-306-5925  
"Express Mail" Mailing Label Number

Date of Signature: May 15, 2003

# PHARMACIA CORPORATION

1. Pursuant to the authority delegated to me by the Board of Directors of Pharmacia Corporation, acting through Don W. Schmitz, its Vice President and Secretary, I, Carl W. Battle, Vice President and Associate General Counsel, Pharmacia Corporation, hereby delegate and authorize:

Dennis A. Bennett, James C. Forbes, J. Timothy Keane, Robert M. Kennedy, J. Michael Warner, Scott A. Williams, Karen King, S. Christopher Bauer, Verne A. Luckow, Rachel A. Polster, and Joseph R. Schuh, individually, who are all intellectual property counsel of Pharmacia Corporation or its subsidiaries and affiliated companies (the "Company") to:

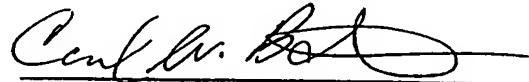
- a. approve, alter, amend, execute and deliver in any country of the world and in the name of and on behalf of the Company (without necessity for affixing a Company seal thereto) any document relating to matters of any invention, patent or design, including, but not limited to, any document in connection with any application for the grant, extension or maintenance of any patent, registration, supplemental protection certificate, or other certificate evidencing the rights of the Company to any of said matters;
- b. approve, alter, amend execute and deliver in any country of world and in the name of and on behalf of the Company (without necessity for affixing a Company seal thereto) any document relating to matters of any copyright, service mark or trademark, including, but not limited to, any document in connection with any application for the grant, renewal or maintenance of any registration or other certificate evidencing the rights of the Company to any of said matters;
- c. appoint agents and to revoke appointment of agents, and to grant and revoke powers of attorney, for the representation of the Company in any administrative or judicial proceeding, with the same effect as if such documents, appointments, grants or revocations had been duly executed under Company seal and had been signed by a duly authorized Company officer;
- d. approve, alter, amend, execute and deliver in any country of the world and in the name of and on behalf of the Company (without necessity for affixing a Company seal thereto) any documents effecting an administrative or judicial determination of the rights of the Company in a pending application;
- e. sign agreements or other documents for the purpose of formal ratification of the sale, transfer, assignment, license or other disposition of rights of the Company, provided that the disposition of said rights has been approved by an authorized individual; and
- f. delegate the authority granted in the preceding paragraphs to any other employee of, or to any counsel to, the Company.

2. All the lawful acts of any person authorized by the foregoing resolutions are hereby severally ratified, confirmed, approved and adopted as acts on behalf of the Company.

3. This resolution supersedes Monsanto Bd Res 2000-10 regarding signature authority for patent and trademark applications adopted by the Board of Directors on February 25, 2000.

4. The signature of the delegates identified above shall constitute complete and formal execution of the document by the company.

PHARMACIA CORPORATION



Carl W. Battle  
Vice President Global Intellectual Property

Date: July 31, 2001



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 16, 2003

PTAS

GARDERE WYNNE SEWELL LLP  
CAROL M. NIELSEN  
1000 LOUISIANA, SUITE 3400  
HOUSTON, TX 77002-5007

**\*700030627A\***

\*700030627A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/15/2003

REEL/FRAME: 013657/0847

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

WOULFE, SUSAN L.

DOC DATE: 12/18/2002

## ASSIGNOR:

JAIN, RITA

DOC DATE: 12/20/2002

## ASSIGNOR:

BURR, AIMEE

DOC DATE: 12/20/2002

## ASSIGNEE:

PHARMACIA CORPORATION  
700 CHESTERFIELD PARKWAY NORTH  
ST. LOUIS, MISSOURI 63198

SERIAL NUMBER: 60431053

FILING DATE: 12/05/2002

PATENT NUMBER:

ISSUE DATE:



013657/0847 PAGE 2

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS